SPARKDIT

AUGMENTING AI WITH DECISION INTELLIGENCE

RIGHT IS MIGHT

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"SAFE HARBOR" STATEMENT

This presentation may contain forward-looking statements relating to future events and future performance. All statements other than those that are purely historical may be forward-looking statements. In certain cases, forward-looking statements can be identified by the use of words such as "may," "will," "should," "expect," "anticipate," "believe," "intend," "project," "plan," "predict," "assume," "forecast," "estimate," "objective," "possible," "probably," "likely," "potential," "speculate," or other similar expressions. Although Sparkdit Inc. believes that the assumptions underlying the forward-looking statements are reasonable, Sparkdit Inc. does not guarantee the accuracy of these statements. Numerous factors could cause actual results to differ materially from those in the forward-looking statements. For a discussion of these factors, please contact Sparkdit Inc., directly at info@sparkdit.cloud. New factors emerge from time to time, and it is not possible for management to predict all such factors or to assess the extent to which any factor or combination of factors may impact Sparkdit's business or cause results to differ materially from those contained in any forward-looking statement. Sparkdit Inc. undertakes no obligation to update any forward-looking statement to reflect developments that occur after the statement is made.

USE CASE 1
AIRPLANE SWAP

Unplanned Maintenance Causes Delays
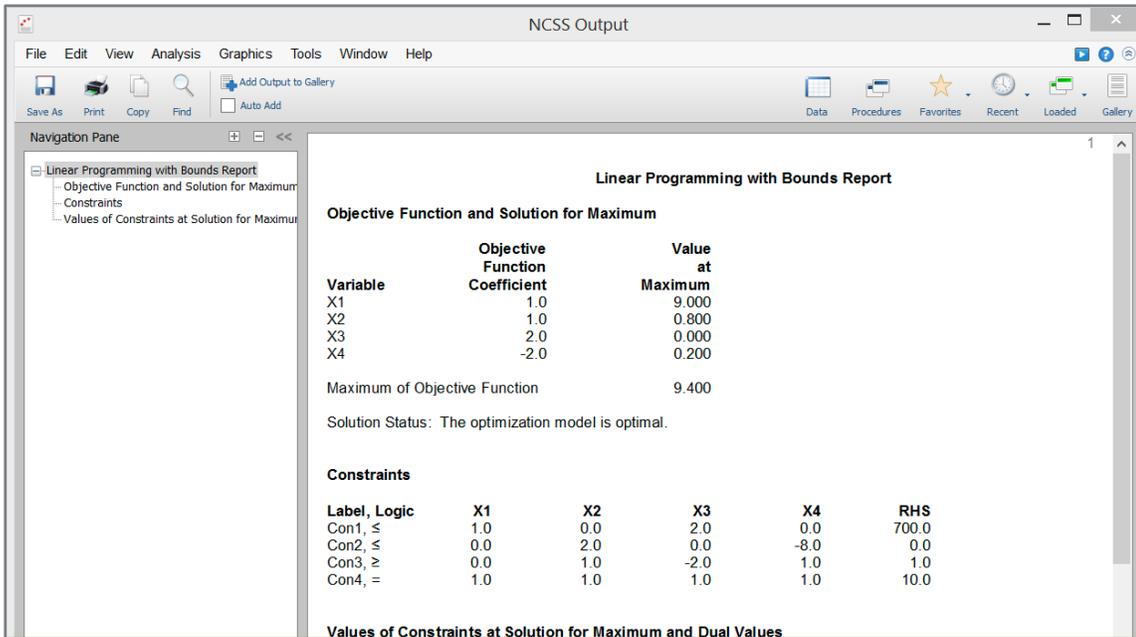
Delays Ground Planes

Grounded Planes Decelerate Business

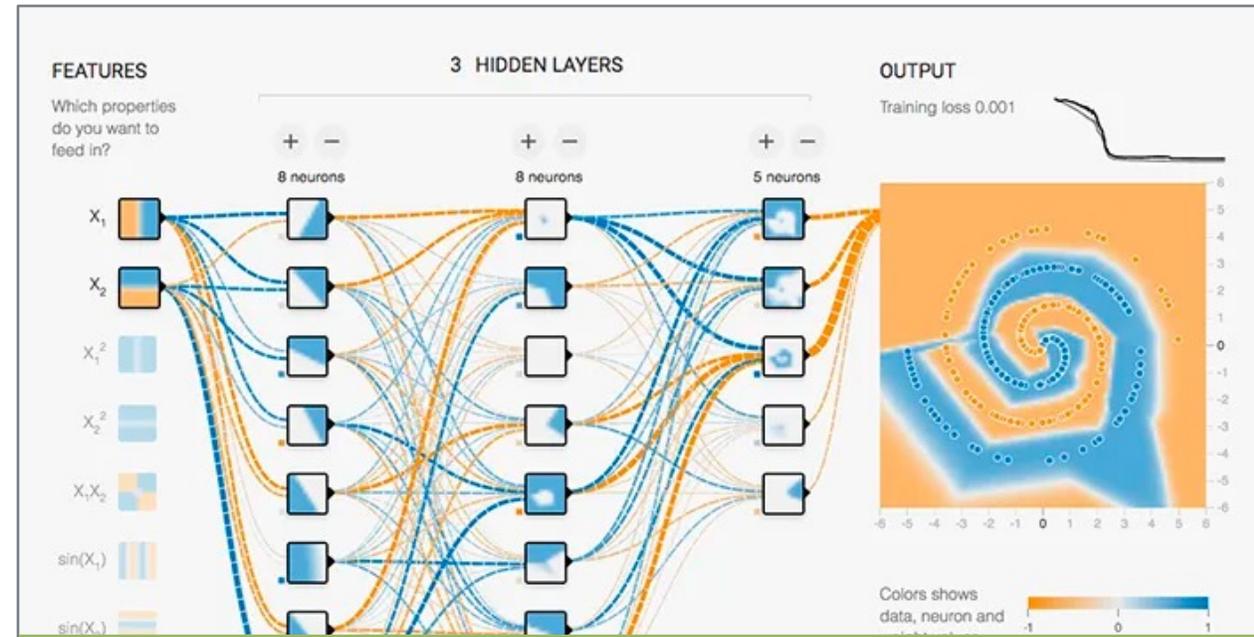# $30B

SOURCE IATA

SOLUTIONS CONSIDERED

OPERATION RESEARCH

DESIGNED TO OPTIMIZE PROCESSES USING LINEAR PROGRAMMING

AI/ML

CLASSIFICATION ENGINE BASED ON STATISTICAL PATTERN RECOGNITION

AI/ML CHALLENGES

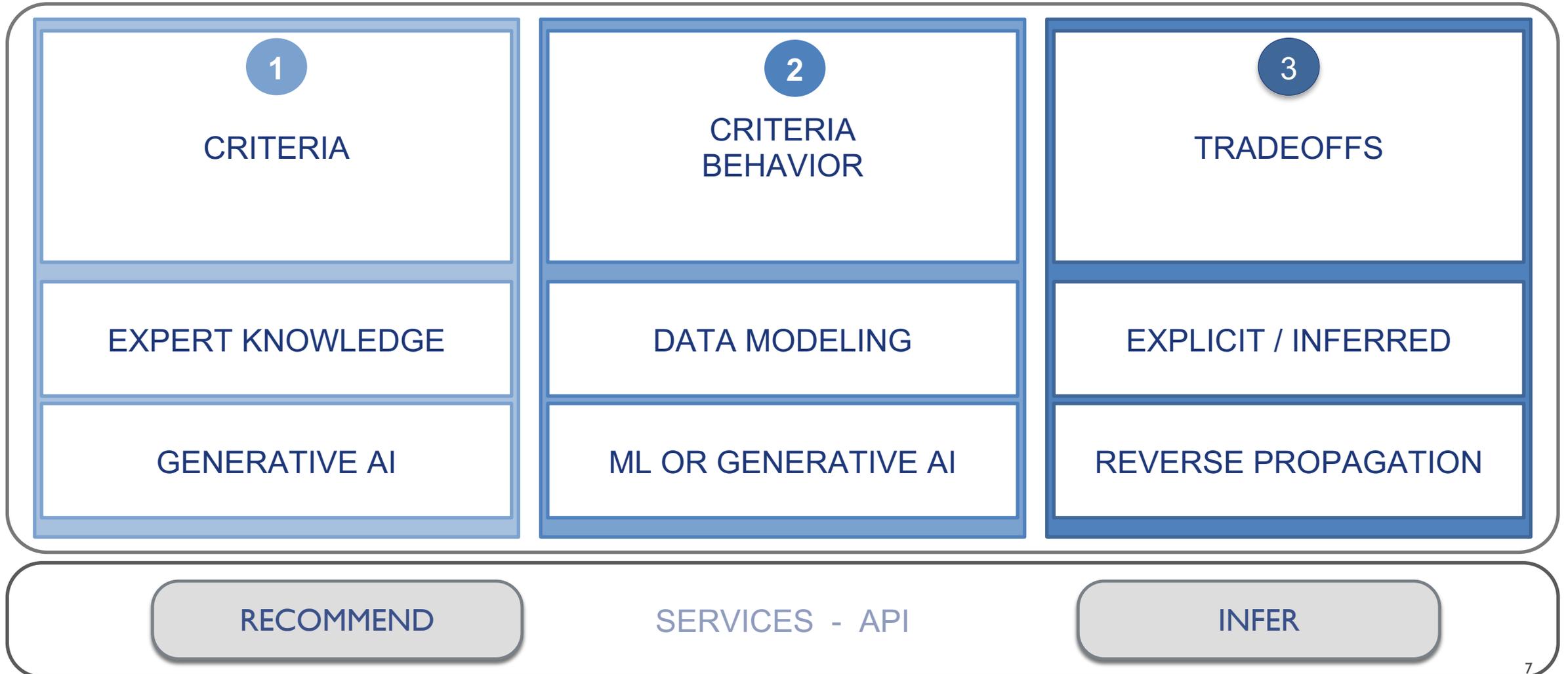| DATA VOLUME	DATA QUALITY	CAUSALITY	GOAL SETTING
MISS COMPELLING SOLUTIONS PRIVATE DATA COLLECTION	DECISION WITH UNCERTAINTY AI MAINTENANCE COSTS	BLACK BOX: LACKS INSIGHT FALSE POSITIVES	HUMAN CENTRIC DECISIONS OPERATIONAL OPTIMIZATION
GOOGLE 100,000/sec. AMAZON 1,000/sec FLIGHTS DELAYED 0.01/sec			

PARADIGM SHIFT: TRADEOFFS, THE ESSENCE OF DECISIONS

TEACHING MACHINES TO THINK LIKE HUMANS (NOT LIKE NEURONS)
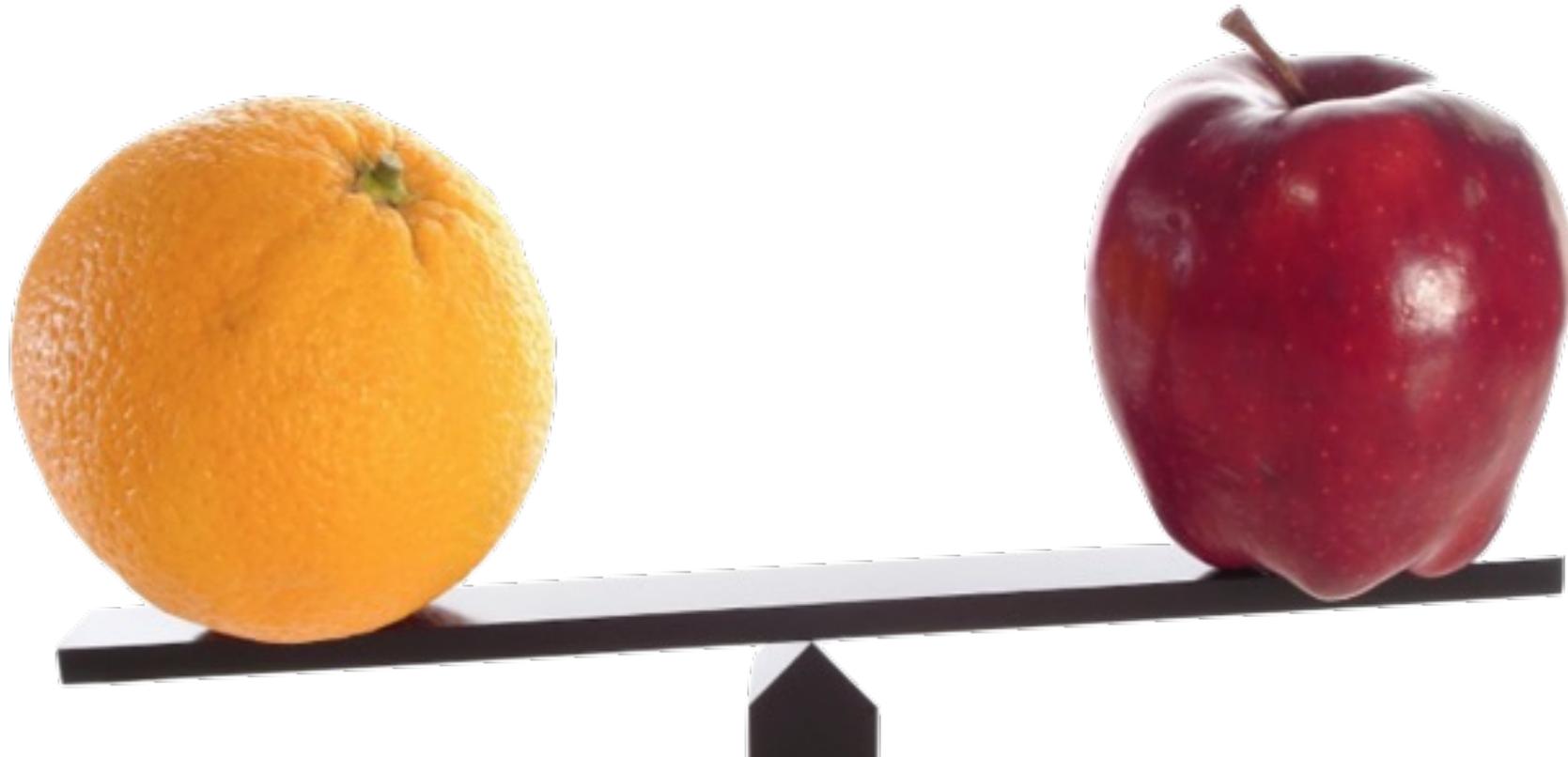
a balance achieved between two desirable but incongruent features; a compromise

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HUMANLIKE DECISION INTELLIGENCE PLATFORM

① CRITERIA	② CRITERIA BEHAVIOR	③ TRADEOFFS
EXPERT KNOWLEDGE	DATA MODELING	EXPLICIT / INFERRED
GENERATIVE AI	ML OR GENERATIVE AI	REVERSE PROPAGATION

RECOMMEND   SERVICES - API   **INFER**

SOLUTION

CONSIDERATIONS	CRITERIA	CRITERIA BEHAVIOR	TRADEOFFS

CONSIDERATIONS

Size / Capacity
Repair Time
Cascading Delays
Hubs
Crew
Repair Cost
Econ. Impact

CRITERIA

Customer Satisfaction
Cost Reduction
Revenue Optimization

TN100243   8'   TN200251   A5   TN106549   C1

82%   54%   33%
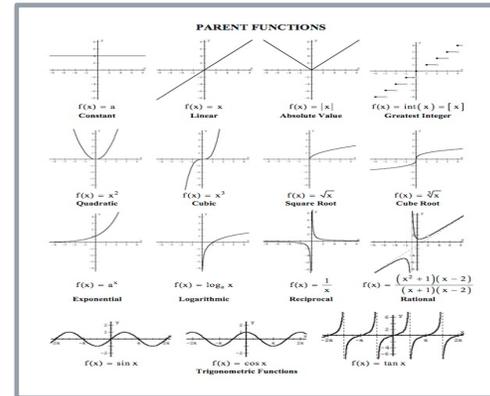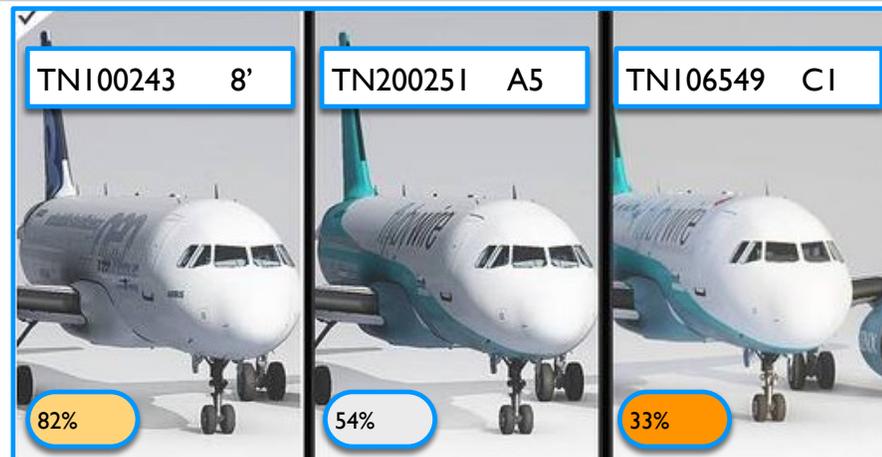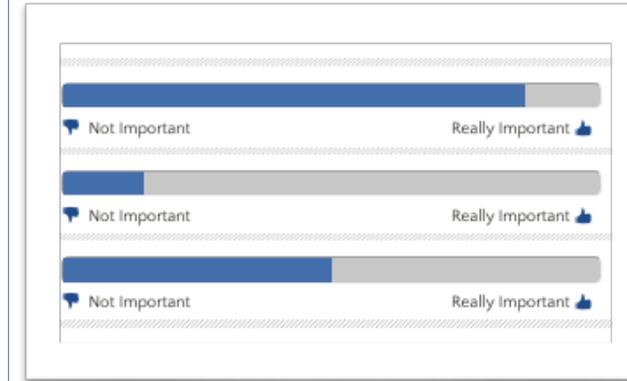
VALUE PROPOSITION

SIMPLY BETTER SWAPPING RECOMMENDATIONS

DELAYS REDUCTION

20% OPERATION EFFICIENCY

CUSTOMER SATISFACTION

USE CASE 2 - E-COMMERCE REVOLUTION

Flyknit, Lunarlon, React... REALLY?

Speed, Dribble, Shot, Precision
True Personalization with Decision Intelligence

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VALUE PROPOSITION

SIMPLY BETTER RECOMMENDATIONS

2x	20%	0
CONVERSION RATE	ONLINE REVENUE INCREASE	PRIVATE DATA

USE CASE 3 - PATIENT CENTRIC, COLLABORATIVE, VALUE CARE

Physician Diagnosis

Patient Tradeoffs

Insurance Costs

BETTER RECOMMENDATIONS
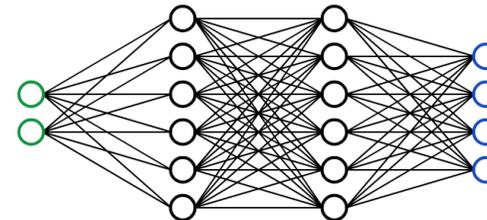BETTER DECISIONS
BETTER OUTCOMES

BONUS USE-CASE - REDUCE FALSE POSITIVES W CAUSALITY

AI
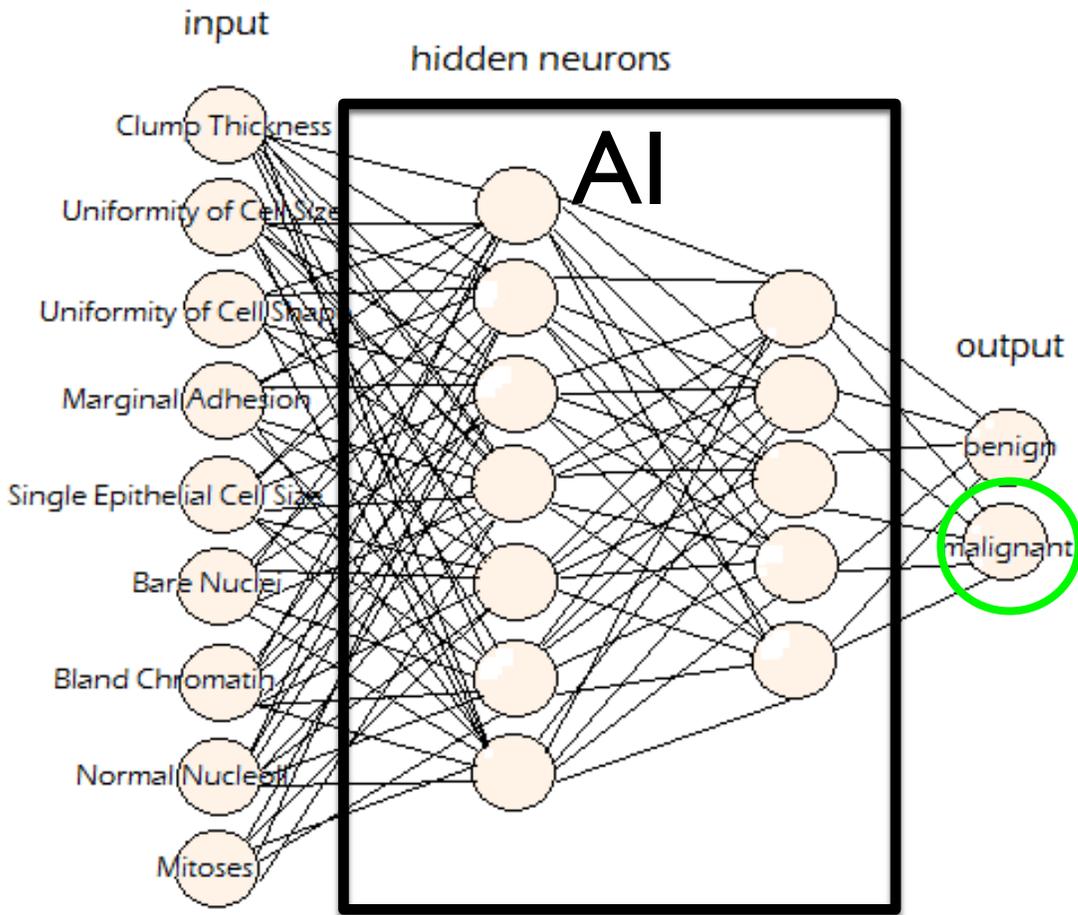
Black Box

10% - 38%
False Positive

AUGMENTED
AI

Inference Engine
Decision/Prediction
Reverse Engineering
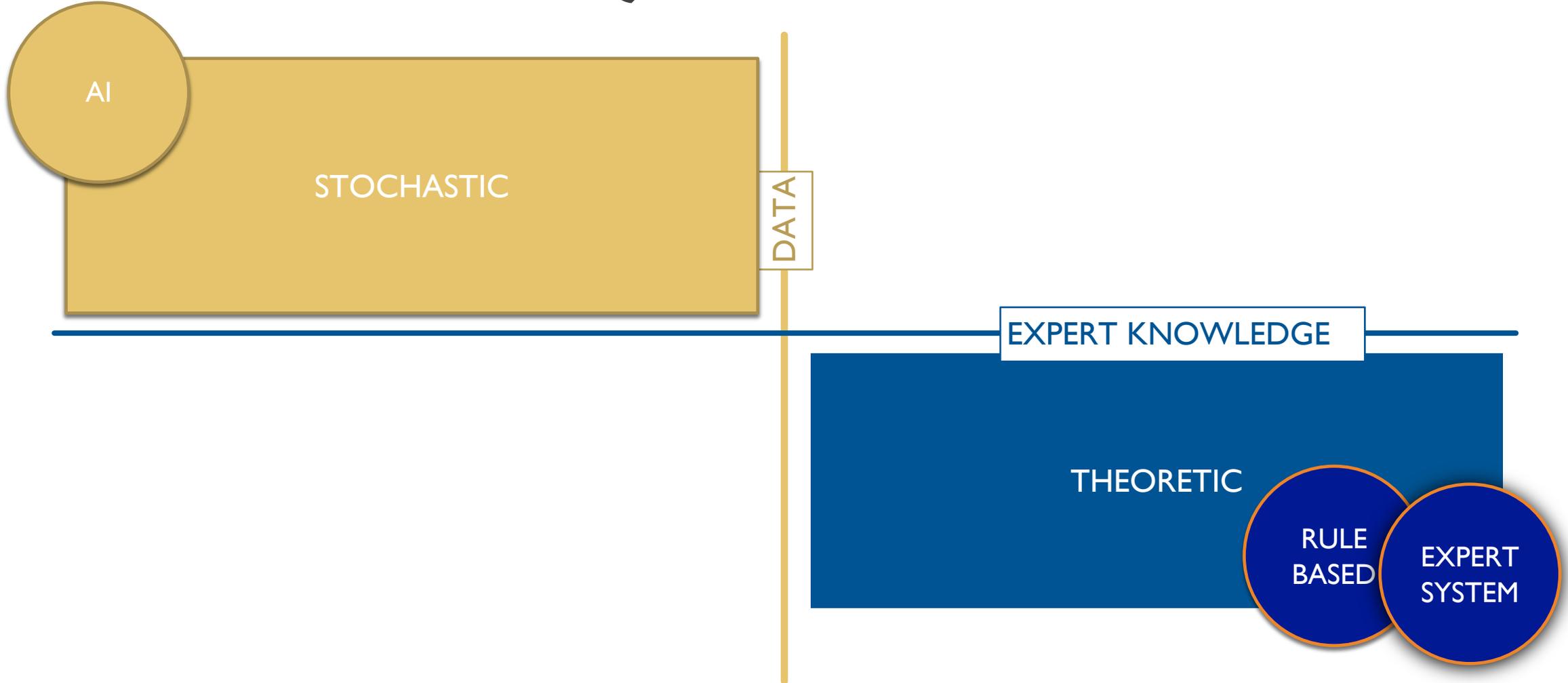
50% Reduction
False Positive

CONCLUSION: FADI'S MAGIC QUADRANT

AI

AI IS UNIDIMENSIONAL (DATA ONLY)
FOR AI DATA IS THE CODE
WITH DATA AI DOES MAGIC

DATA

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CONCLUSION: FADI'S MAGIC QUADRANT

AI

STOCHASTIC

DATA

EXPERT KNOWLEDGE

THEORETIC

RULE BASED

EXPERT SYSTEM

CONCLUSION: FADI'S MAGIC QUADRANT

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MIT STARTUP EXCHANGE

TOP 10 AI STARTUP

2024